I. Function (p.107): an equation where every value of "x" yields ONE and ONLY ONE value for "y"

e.g., $y = 2x + 1$

$y = 0.5x^2 - 6x + 3$

$y = |x| \div 2$

however, $y^2 = x$ is NOT a function...

Why? _____

_____

II. Notation: $y = f(x)$

denotes that "y" is a ***function*** of "x"

III. Examples (p.112): Exercises #18,20ace,30

HW: Read pp.104-111 (section 2.1)
pp.111-112 / Exercises #1,9,13,19,25-31(odd)